

What is claimed is:

1. A facsimile transmission system comprising a computer readable medium, said medium including:

data corresponding to a pre-formatted form having a group of fields arranged at designated locations on the form;

5 instructions configured to:

populate the group of fields in response to the reception of field identifiers and associated informational data to generate a generated form having data corresponding to the designated fields, and

transmit a facsimile of the generated form.

2. A facsimile transmission system comprising a computer readable medium, said medium including:

data corresponding to a pre-formatted form having a group of fields arranged at designated locations;

5 instructions configured to:

extract a definition record from received data, the definition record including an ordered listing of identifiers for each of the fields being supplied in received data;

10 populate the group of fields, in response to the extracted definition record, with received common information and informational data, the informational data including a plurality of sets of information each set corresponding to a unique form

08753248-112596
SECRET

to thereby generate a plurality of forms, wherein the common information is included in each form, and

transmit a facsimile of the generated forms.

3. A system for preparing documents for facsimile, the system having a memory for storing a form with a plurality of fields including:

means for receiving data corresponding to a stored pre-formatted form having a group of fields arranged at designated locations on the stored form;

means for populating the group of fields in response to the reception of field identifiers and associated informational data to generate a document having data corresponding to the designated field locations; and

means for transmitting a facsimile of the generated document.

4. A system according to claim 3 wherein the received data includes a recipient's facsimile telephone number and wherein said transmitting means send the generated document to the received facsimile telephone number.

5. A system according to claim 3 wherein the received data includes a plurality of sets of information, each set corresponding to a separate document and wherein the means for populating includes means for populating the form with each set of information to generate a plurality of generated documents.

6. A system according to claim 5 and wherein the received data includes common data and wherein the means for populating includes means for associating said common data with each of said plurality of generated documents.

7. A system according to claim 5 wherein at least one of said sets of information includes a flag that indicates special processing for one of the plurality of forms, the system further including means for performing the special processing.

8. A system according to claim 7 wherein the means for performing special processing includes means for changing a format of at least a portion of the form.

9. A system according to claim 7 wherein the means for performing special processing includes means for attaching an additional message to the form.

10. A system according to claim 5 wherein the pieces of information are separated by a specific character and wherein the means for associating includes means for separating the plurality of fields from the data based on the special character.

11. A system according to claim 10 wherein the specific character is a comma.

12. A system according to claim 3 wherein the data includes a definition record including an ordered listing of identifiers for each of the data fields being supplied in the data.

13. A system according to claim 12 wherein the definition record includes a receiving facsimile telephone number.

14. A system according to claim 5 wherein one of the sets of information include a plurality of values for a single data field on the form, the system further including means for inserting the plurality of values in the single data field.

15. A method for preparing and sending documents including the steps of:

receiving data corresponding to a pre-formatted form having a group of fields arranged at designated locations;

populating, respectively, the group of fields in response to the reception of field
5 identifiers and associated informational data to generate a generated form having data corresponding to the designated field locations; and
transmitting a facsimile of said generated form.

16. A method according to claim 15 wherein the step of receiving data includes the step of receiving data that includes a plurality of sets of information, each set corresponding to a separate document and wherein the step of populating includes the step of sequentially populating the form with each set of information to generate a
5 plurality of documents.

17. A method according to claim 16 wherein the received data includes common data and wherein the step of populating includes the step of associating said common data with each of said plurality of generated forms.

18. A method according to claim 16 wherein at least one of said sets of information includes a flag that indicates special processing for one of the plurality of forms, the method further including the step of performing the special processing.

19. A method according to claim 18 wherein the step of performing special processing includes the step of changing a format of at least a portion of the form.

20. A method according to claim 18 wherein the step of performing special processing includes the step of attaching an additional message to the generated form.

21. A method according to claim 16 wherein the pieces of information are separated by a specific character and wherein the step of associating includes the step

of separating the plurality of fields from the data based on the special character.

22. A method according to claim 16 wherein one of the pieces of information includes a plurality of values for a single data field on the form, the method further including the step of inserting the plurality of values in the single data field.

08/03/2013 11:25:06
"SETT" 01255280